

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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**KU1479**     **4750 BEDFORD AVE**  
**ENE**        **4750 BEDFORD AVE**  
**> 1**         **BROOKLYN, NY**  
**1.873 mi.**  
**9889 ft.**     **Site 1 of 2 in cluster KU**

**NY Spills**     **S102146539**  
                     **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**11 ft.**

**SPILLS:**

Name:	4750 BEDFORD AVE
Address:	4750 BEDFORD AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9302583 / Not Reported
Facility ID:	9302583
Facility Type:	ER
DER Facility ID:	153006
Site ID:	182613
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1993-05-26
Investigator:	MSHOQUE
Referred To:	COMMENT ON BIOSOLVE, RESPONSE 7/2012
Reported to Dept:	1993-05-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	1993-05-27
Spill Record Last Update:	2019-10-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 2/27/04 - AUSTIN - REASSIGNED FROM TIBBE TO SAWYER - REC'D CALL FROM FENELEY & NICHOL (DAVID, 631-586-4900, EXT. 144) REGARDING THE PLACEMENT OF MONITORING WELLS - END 3/5/04 - Sawyer - Talked to David of Feneley & Nicol and he notified me that they will install 8 more wells in the building to recover the 2 inches of floating #6 fuel oil off the water table. 8/15/05 - Haggerty - spoke with Dave from Finley & Nichol (631)-586-4900 who still describes gross contamination. Recieved bi-weekly monitoring reports from the owner, Mr. Helmreich, (212)-787-2500 which describe extent of contamination. #6 Fuel oil is contaminent which is extremely slow to remediate ----cannot be closed by 12/05 11/22/05, SA: Remediation work is going on. Finley & Nichol is following the work. 01/03/2006: Mr. Helmreich (212 787 2500) called today and informed that monitoring is still going on. Still showing some contamination. They spent almost \$350,000/-. Wanted decision from DEC whether they can stop further monitoring. We did not received any monitoring reports so far. Requested him to send the monitoring reports to us. (Sadique) 01/03/2006: Received fax copy of the monitoring reports for 13 MW's from Dec 2004 to Nov 2005. (Sadique) 01/04/2006: Reviewed the

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reports. Currently they are bailing out #6 oil from all the wells every 2 weeks. Monitoring wells with a sonic interface probe. As per report dated 1/20/05, total product bailed out from 13 wells was 2.50 gal and cumulative product recovery was 23.51 gal. Again last report dated 11/29/05, showed that product bailed out was 0.50 gal (from 13 wells) and cumulative total product recovered was 50.51 gal. Mr. Helmreich called again today. Advised him to monitor and bailed out the product quarterly instead of bi-weekly from now on for 1 year. Need to review quarterly reports early next year (2007). (Sadique) David from Fenley & Nicol. 11/13/07 Transferred to Tibbe. Talked to Mr. Helmreich today and explained to him that I could not close a spill where there is still free product. He should be conducting monitoring and bailing at least monthly and should contact a consultant to discuss a remediation system to continuously recover the product. 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 07/07/11 - spoke with David Oloke, Fenley & Nicol, consultant for the property owner - he briefly described the status; said there are perimeter wells which have always been clean; some of the wells in the building basement (13 total) have free product; said the owner wants to close the spill; I advised that generally a spill with recoverable, free-product will not be closed; asked him to send me copies of available information for review; he indicated he will send in gauging/recovery work, some historic documents, and would try to pull together info on tank removal which had occurred well in the past. (JOC) 2/7/2012 - changed Lead DEC from Joe O'Connell to JFeng. 5/7/12 - received call from consultant looking for some file information to put together RAP; Mike Zobel, Fenley & Nicol, 631 586-4900 x 180; advised him of project manager change; he will await call from new PM. (JOC) 5/9/12 - Raphael Ketani. I spoke to Mr. Zobel about the writing of the RAP. I read the case notes to him. Mr. Zobel stated that it looked like nothing much had happened over the years except monitoring. He will send me the RAP. 7/3/2012 - reviewed RAP, dated 6/8/2012, by Fenley & Nicol Environmental Inc. BioSolve injection was proposed at monitoring wells MW-4 through MW-13. Groundwater depth at 5.2 to 10 feet. Product #6 oil thickness range 0.90' in MW-5 to 4.6' in MW-8. Targeting 20 x 25 x 2 and calculated 3,000 gallon of 5 BioSolve solution to be injected. Comments to Mike Zobel (F&N), see eDoc. Response by 7/2012. 8/13/2012 - reviewed the response from F&N and forwarded the RAP and the response to Central Office for review and comments. 8/12/2014 - received a call from Robert Ferguson of Miller Environmental (rferguson@millerenv.com). They have been retained by the new owner to do spill cleanup and requested if any site plan with wells notation available. They will start installing skimmer and try to recover the thickest product from each well. Sent him a site plan and with monitoring data. 10/8/2014 - Call from Robert Ferguson of Miller Environmental. They have conducted monthly bailing of the product and had installed a belt skimmer in one of the wells. The product plume is contained to the site boundary. A report is being put together and will submitted to DEC. 10/28/2015 - Quarterly Monitoring Report - January 2015, dated 1/30/2015, by Miller. There are 3 well outside the property and 10 wells inside the boiler room. Miller inspected the wells 2/28/2014 and noted all of the wells within the boiler room contained product. Belt skimmer was installed in MW-9 on 8/12 and 8/21/2014. 10/13/2014, MW-9, belt functions. Remaining wells were hand bailed. 3 gallons in the drum. 11/17/2014, MW-9, belt functions. All remaining wells were hand bailed. Drum contained 5 gallons of product. 12/15/2014, belt functions in MW-9. hand bailed other wells. 6 gallons of product in drum. 11/17/2015, disposed 5 bags of petroleum impacted

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absorbents/material (manifest is included). Quarterly Monitoring Report-Jan thru March 2015, 5/6/2015, 1/29/2015, belt skimmer in MW-9 functions. All other wells were hand bailed and set absorbents. 7 gallons in drums. 2/18/2015, belt in MW-9 functions. All other wells were hand bailed and set absorbents. 7 gallons in drum. 3/13/2015, belt in MW-9 function and only trace amount of product. All other wells were hand bailed and set absorbents. 8 gallons in drum. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought 07/18/2017 - Miller Environmental submitted Quarterly Monitoring Report for April-June 2017. 01/10/2018 - V. Brevdo On January 10, 2018, V. Brevdo requested Miller Environmental (Robert J. Ferguson 516-876-7940) to make efforts to estimate time frame needed to complete cleanup and accomplish closure of this spill case. Provided spill case closure criteria via e-mail and requested to review criteria to propose further course of action which would accomplish completion of cleanup and closure of spill case in the most expeditious manner. Followed up with a telephone call and conversation, explained that I would like to ensure that we are making a meaningful progress in terms of free product thickness reduction which will allow us to complete cleanup within a reasonable time, given spill case has been open for 25 years. Mr. Ferguson stated he will look into project and will come up with the proposed course of further action, possibly as part of next quarterly report or as a separate document and/or submission. VB 08-03-2018 As per Remediation Section B Chief Vadim Brevdo, this spill case is reassigned from Vadim Brevdo to MD. S. Hoque as project manager effective on August 3, 2018. -MDH 10/30/2018-M.Hoque: Spoke to Robert Ferguson(845.561.4111) of Miller Env and discussed the open spill. He will submit an updated groundwater monitoring report with a recommendation/proposals to the Department soon. -MDH 12/17/2018-M.Hoque: Report has not received yet. Sent a reminder email to Robert. MDH 1/16/2019-M.Hoque: Received quarterly GW reports from April 2017 through December 2018. The reports are being reviewed. MDH 1/30/2019-M.Hoque: Report review completed. This site consists of a multi-story apartment building. In 1993, an unknown amount of no. 6 fuel oil was released from a 7,000-gallon UST located in the building s courtyard. The tank was removed. In 1994, three monitoring wells were installed, and groundwater samples were collected to delineate impacts near the UST, in the parking lot to the south, and in the sidewalk to the east. Dissolved VOCs and SVOCs were found above groundwater standards. Enhanced fluid recovery (EFR) events were conducted on three outdoor wells and one recovery well in the boiler room. No measurable product was detected in any of the wells. The Responsible Party, Melohn Properties, signed a Stipulation Agreement in March 1995. Eight additional wells were installed in the boiler room. Gauging and sampling were conducted on 13 wells through 2012. Petroleum contaminants were detected in nine wells at levels warranting remedial action. In March 2012, the RP s contractor Fenley & Nicol submitted a Remedial Action Plan (RAP) in March 2012, proposing injection of a surfactant solution (BioSolve) into the impacted wells, followed by monthly gauging and quarterly EFR events. DEC approved the RAP in June 2012. Since August 2014, the new property owner s consultant, Miller Environmental Group (MEG), has been conducting groundwater monitoring in accordance with the approved RAP. In October 2018, DEC contacted MEG to request a site update. On January 16, 2019, MEG submitted a report summarizing remedial actions from September 2017 through December 2018, with results of monthly well gauging and bailing events. The report stated that absorbent socks were installed in eight indoor wells as of

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December 2018. No free product was found in the three outdoor wells. MEG will continue to operate the belt skimmer system at the site and submit the results to DEC.. MDH 3/20/2019-M.Hoque: First Quarter of 2019 QMR received and the report is being reviewed. MDH 4/9/2019-M.Hoque: Report review completed. On March 20, 2019, Miller Environmental Group (MEG) submitted the 1st Quarter of 2019 report summarizing remedial actions from January through March 2019. On April 9, 2019, DEC reviewed the 1st Quarter 2019 monitoring report. MEG conducted monthly well gauging of all site wells, and bailed free product and replaced absorbents pads in all indoor wells. No free product was observed in outdoor wells. The maximum product thickness measured 1.42 feet in January, 1.48 feet in February, and 1.50 feet in March 2019. MEG will continue to operate the belt skimmer and perform product recovery at the site. The next monitoring is scheduled for June 2019.MDH 7/11/2019-M.Hoque: 2nd Quarterly-2019 gauging and Monitoring Report (April-June)received and is being reviewed. -MDH 7/23/2019-M.Hoque: The 2nd Quarter-2019 gauging and Monitoring Report review completed. On July 23, 2019, DEC reviewed the 2nd Quarter of 2019 gauging and monitoring report. MEG conducted gauging and bailing on April 19, May 15, and on July 1, 2019( June Event) all site wells and bailed free product and replaced absorbents pads in all indoor wells. No free product was observed in outdoor wells. The maximum product thickness measured 1.625 feet in April and May, and 1. 71 feet in June 2019. MEG will continue to operate the belt skimmer and perform product recovery at the site. -MDH 10/8/2019-M.Hoque: On September 17, 2019, MEG submitted the 3rd Quarter 2019 monitoring report. MEG conducted monthly gauging of all thirteen (13) wells on July 17,2019,August 23, 2019, and September 13,2019. MEG installed new belt on skimmer, bailed free product, and replaced absorbents pads in all three (3) indoor wells. No free product was observed in the outdoor wells. The maximum product thickness measured 1.81 feet in July, and 1.875 feet in August and September 2019. MEG will continue to operate the belt skimmer and perform product recovery at the site.(MDH)"

Remarks: "OIL DELIV -NEW PIPES - HESS-MYSTIC WILL INVESTIGATE TO DETERMINE CAUSE AND PROCEED WITH CLEAN-UP WILL NOTIFY NYC DEP."

All Materials:

Site ID: 182613  
Operable Unit ID: 980918  
Operable Unit: 01  
Material ID: 399704  
Material Code: 0003A  
Material Name: #6 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 60.00  
Units: G  
Recovered: .00  
Oxygenate: Not reported